



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/817,503	04/02/2004	C. Edward Rasmussen	ANALX 100	3150
2555	7590	05/26/2005	EXAMINER	
KREMBLAS, FOSTER, PHILLIPS & POLLOCK 7632 SLATE RIDGE BOULEVARD REYNOLDSBURG, OH 43068			ABRAMS, NEIL	
			ART UNIT	PAPER NUMBER
			2839	

DATE MAILED: 05/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/817,503

Applicant(s)

RASMUSSEN, C. EDWARD

Examiner

Neil Abrams

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-3, 7 is/are rejected.
- 7) ☒ Claim(s) 4-6, 8-16 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

v

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Art Unit: 2839

A prior art system is disclosed on page 4, ^{lines 12-18.} A sketch of such system should be supplied for consideration as prior art.

Claims 1 and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Howarth

Howarth wall feedthrough system includes a base 15 or 15,22 with a passage or bore for coaxial cable 12, and a sealing compound 27 in a passage in the base and sealing to the cable and to the wall of the bore. For claim 7 base 15,22 includes outer base 22 and coaxial insert 15 in the outer base and having a passage that is coaxial and contiguous and contains the compound 27.

Claims 2,3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Howarth in view of Santagata

Howarth does not disclose use of silicone. Santagata fig 9 uses silicone at 196 for sealing. Obvious to use silicone for compound 27 to provide good sealing properties.


Claims 1 and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yamazaki in view of Howarth.

Yamazaki fig 6 and see fig 4B, includes a cable 31 panel feedthrough with a base (outer base 102 and coaxial insert 110 in the outer base) and sealant 106. that seals to the cable and to the wall of a bore in the base and to the cable, Yamazaki is not for a coaxial cable. Howarth feedthrough is for a coaxial cable. Obvious to use Yamazaki system for a coaxial cable to enable high speed signals to be transmitted. For claim 7 the Yamazaki passages at leadlines 106,102ac are coaxial and contiguous.

Art Unit: 2839

Claims 4,5,6, and 8-16 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication should be directed to Neil Abrams at telephone number 571-272-2089.


NEIL ABRAMS
EXAMINER
ART UNIT 322